

EPA REGION III
REC NEWSLETTER
JULY 2003

COMMANDER NAVY REGION
MID ATLANTIC REGION



*Working
for
Tomorrow's
Environment
Today*

We have made every effort to ensure that the information provided is accurate and that all significant Legislative, Regulatory, Federal, EPA, news and information have been included in the REC update. If you have an important issue or information that you would like to be included in our monthly update or believe that information we have provided is incorrect, please contact us at 757-445-9982 or via email DODRECREGION3@comar.navy.mil.

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LINK HELP

SECURE SITES – Links beginning with https:// may give a security error. To get around this problem copy the link and paste it in your browser.

DENIX - Many of our links are to DENIX. To subscribe to DENIX, go to <https://www.denix.osd.mil/denix/register.html> and register. It's a good thing.

If you find a dead link and you really want the information, please contact us at DODRECREGION3@cmar.navy.mil and we will find the link for you. [Table of Contents](#)

If you or your organization would like to submit an article, story, or picture for future newsletters, please send them to [Gene Beale](#). Thanks.

SPOTLIGHT ON

Indian Head Wins CNO Award

By Johna Woods



Pictured from left to right: Scott Bohnhoff, Johna Woods, Vice Admiral Charles Moore, Diana Rose, and Captain Marc Siedband

Naval Surface Warfare Center, Indian Head Commander, Captain Marc Siedband and employees from the environmental division were recently presented with the FY 2002 Chief of Naval Operations (CNO) Environmental Quality Award for industrial installations. The CNO Environmental and Natural Resources Awards Ceremony was held at the U.S. Navy Memorial and Naval Heritage Center on 06 May 03.

Vice Admiral Charles W. Moore, Jr., Deputy Chief of Naval Operations, welcomed the winners to the CNO FY 2002 environmental awards ceremony. "I personally am happy to be involved in an institution that protects and nurtures the environment. You are truly leaders in the pursuit of excellence in protecting the environment", stated VADM Moore, adding, "You are commended for excelling at accomplishing our mission while taking care of the environment." VADM Moore presented awards in six categories ranging from Natural and Cultural Resources to Pollution Prevention and Environmental Restoration. Winners included installations as far away as Japan, Guam, and Spain.

By winning this award, Indian Head demonstrated outstanding environmental stewardship and sustained compliance in the areas of environmental planning, waste management, and pollution prevention. "It was an honor to accept this award from VADM

Moore with members of the environmental team from Indian Head," Siedband commented, adding, "Indian Head continues to strengthen its superb environmental support programs and builds trust with state and federal regulatory authorities. This award recognizes our professionalism as good stewards of the environment."

Indian Head's objective has been to look beyond meeting regulations, to total environmental management and pollution prevention throughout the ordnance life cycle. Indian Head has the capability to develop new energetic materials from the molecular level all the way through full-scale production and testing. As the environmental quality award package read, Indian Head earned this recognition "for developing and manufacturing energetic materials in an environmentally safe manner." The package further reads, "Producing highly sensitive materials, while not compromising the environment, poses difficult problems. Our scientists and engineers are developing solutions for application at Indian Head, and throughout Department of Defense and industry."

Indian Head was also runner-up for the Secretary of the Navy's FY 2002 Environmental Award. [Table of Contents](#)

Ground-Level Ozone

What Is It? Where Does It Come From?ⁱ

Ozone (O₃) is a gas composed of three oxygen atoms. It is not usually emitted directly into the air, but at ground level is created by a chemical reaction between oxides of nitrogen (NO_x) and volatile organic compounds (VOC) in the presence of heat and sunlight. Ozone has the same chemical structure whether it occurs miles above the earth or at ground level and can be "good" or "bad," depending on its location in the atmosphere. "Good" ozone occurs naturally in the stratosphere approximately 10 to 30 miles above the earth's surface and forms a layer that protects life on earth from the sun's harmful rays. In the earth's lower atmosphere, ground-level ozone is considered "bad."

VOC + NO_x + Heat + Sunlight = Ozone

Motor vehicle exhaust, industrial emissions, gasoline vapors, and chemical solvents are some of the major sources of NO_x and VOC, which help to form ozone. Sunlight and hot weather cause ground-level ozone to form in harmful concentrations in the air. As a result, it is known as a summertime air pollutant. Many urban areas tend to have high levels of "bad" ozone, but even rural areas are also subject to increased ozone levels because wind carries ozone and pollutants that form it hundreds of miles away from their original sources.

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Chief Causes for Concernⁱⁱ

- Triggers a variety of health problems even at very low levels
- May cause permanent lung damage after long-term exposure
- Damages plants and ecosystems

What's Been Done to Control Ozone Levels?ⁱⁱⁱ

The Clean Air Act of 1970 gives primary responsibility to state and local governments for regulating pollution from power plants, factories, and other "stationary sources." EPA has primary responsibility for regulating "mobile sources," which include cars, trucks, buses, and aircraft.

The EPA vehicle emission control program has achieved considerable success in reducing both nitrogen oxide and hydrocarbon emissions. Cars coming off today's production lines typically emit 70% less nitrogen oxides and 80% to 90% less hydrocarbons over their lifetimes than their uncontrolled counterparts of the 1960s. The improvement came about in response to stringent regulations, which required auto manufacturers to develop systems capable of capturing excess gasoline vapors and cleansing tailpipe emissions.

Ozone Action Days^{iv}

Ozone Action Days are usually called on hot, muggy days with little wind, when the amount of ground-level ozone is predicted to approach unhealthful levels and the federal standard for ozone could be exceeded. Local television and radio stations alert the public to an ozone action day prediction. On such days, the community can take simple, voluntary actions to help reduce the risk of ground-level ozone. Some symptoms of breathing ground level ozone are chest pain, coughing, nausea, throat irritation, and congestion. It may also aggravate bronchitis, heart disease,

emphysema, and asthma. Children, senior citizens, and those with asthma or other respiratory problems are urged to limit outdoor activities when an ozone action day is predicted.

Ozone Action Partnerships

- [Clean Air Partners - Baltimore/Washington area](#)
- [Philadelphia Region - southeastern PA, southern NJ, northern DE](#)
- [Pennsylvania Ozone Action Partnership - statewide](#)

Daily Ozone Forecasts For Areas In The Region

- [Delaware](#)
- [District of Columbia](#)
- [Maryland](#)
- [Pennsylvania - Philadelphia Area, Pittsburgh Area, Susquehanna Valley Area, Lehigh Valley Area](#)
- [Virginia - Richmond Area](#)
- [Virginia - Hampton Roads Area](#)
- [Washington Council of Governments](#)

For More Information^v

[EPA Ozone Website](#)
[AIRNOW](#) (air quality guidance for ozone)
[EPA's Revised Ozone Standard](#)
[Ozone: Good Up High, Bad Nearby](#)
[Smog: Who Does It Hurt?](#)

10 Things You Can Do to Reduce Ozone Formation^{vi}

1. Instead of driving- share a ride, take public transportation, walk or bike.
2. Keep your car well maintained to limit excess emissions.
3. If you must drive, avoid excessive idling or jack-rabbit starts, and try to consolidate errands.
4. Don't refuel your car, or only do so after 7 pm.
5. Avoid using outboard motors, off-road vehicles, or other gasoline powered recreational vehicles.
6. Wait to mow your lawn until late evening or the next day. Also, avoid using gas powered garden equipment.
7. Use latex paints instead of oil-based paints, solvents, or varnishes that produce fumes.
8. If you are barbecuing, use an electric starter instead of charcoal lighter fluid.
9. Limit or postpone your household chores that will involve the use of consumer products.
10. Conserve energy to reduce energy needs.

GENERAL INTEREST

EPA's Issues Draft Report On The Environment

A two-year Environmental Protection Agency effort to assess the current state of the environment and human health indicates that significant air and water quality improvements have been made during the past three decades, but it warns that problems remain. The agency's Draft Report on the Environment 2003, billed as the "first ever national picture" of what EPA has achieved during the past three decades to protect human health and air, water, and land quality in the United States, was released 23 JUN 03. Former EPA Administrator Christine Todd Whitman said the report describes what the agency "knows and doesn't know" about the U.S. environment and how it is changing. She said the report and its accompanying 453-page technical document are intended to provide a roadmap for EPA policy and budget priorities. "This draft report is a work in progress," Whitman said. "We will be actively soliciting feedback from a wide variety of those interested in the environment--from organized groups and experts to average citizens." More information is available at:

<https://www.denix.osd.mil/denix/DOD/News/Pubs/DER/24Jun03/13.doc.html>. The report and document are available at: <http://www.epa.gov/indicators/> and <http://cfpub.epa.gov/ncea/cfm/recorddisplay.cfm?deid=58199> respectively. [Table of Contents](#)

EPA Announces Grant For Cleaner School Buses

Former EPA Administrator Christie Whitman announced the availability of a \$5 million grant program to make school buses cleaner for the 24 million children who travel on a bus to and from school every day. The grants are under EPA's Clean School Bus USA initiative that is designed to limit children's exposure to the harmful effects of diesel exhaust from school buses. Whitman made the announcement during a visit to the Green Acres Elementary School in Manchester, New Hampshire.

"We now have the opportunity to significantly reduce pollution from school buses and improve the health of those who ride them," said Whitman. "Upgrading our nation's school bus fleet isn't easy and it isn't cheap. I'm pleased to announce that the \$5 million appropriation is being made available to local school districts nationwide. Our goal is simple- to make the bus ride to school cleaner for all our nation's children." For more information, go to:

<http://yosemite.epa.gov/r3/press.nsf/7f3f954af9cce39b882563fd0063a09c/fa55f75523e656d085256d440068b84b>.

EPA Seeks Greater Local Involvement In Supplemental Environmental Projects

The Environmental Protection Agency announced guidance intended to help its enforcement staff solicit more local involvement in supplemental environmental projects (SEP). A SEP is an environmentally beneficial project that a violator voluntarily agrees to perform as part of a settlement

of an enforcement action. In return, EPA agrees to reduce the monetary penalty that would otherwise apply as a result of the violation(s). In a notice issued 17 JUN 03, the agency said the interim guidance is intended to foster greater community involvement in SEPs, which are environmentally beneficial projects that companies can undertake to reduce fines and other penalties stemming from a violation. For the complete article, go to:

<https://www.denix.osd.mil/denix/DOD/News/Pubs/DER/17Jun03/23.doc.html>. [Table of Contents](#)

For the guidance, go to:

www.epa.gov/compliance/resources/policies/civil/seps/sepcomm2003-intrm.pdf.

Clean The Bay Day A Success

Recently, folks from Commander Navy Region Mid Atlantic staff participated in the annual clean the bay day. The cleanup took place along the Lafayette River by the Lafayette River Annex. A variety of trash from drink bottles to tennis balls was collected along with the proverbial kitchen sink. The most common trash was plastic, along with plenty of Styrofoam as well. An estimated 400 pounds of trash was collected from the Lafayette site, which was more than last year and more than expected. The event was coordinated with others in the area with over 40 miles of shoreline being cleaned up in Norfolk. Collectively, 954 volunteers gathered a whopping 51,592 pounds litter and debris that day. Thanks to all who volunteered and see you next year. For more information on Chesapeake Bay issues, go to www.cbf.org. [Table of Contents](#)



Litter gathered from the Lafayette River shoreline. Pictured from L-R are: Will Bullard from the REC office, Kate Landman and Ed Corl of LANTDIV

TRUE CRIME STORIES

Shipyard Owner Convicted Of False Statements On Fuel Spill

HOUSTON--A federal jury in Baton Rouge, La., convicted a shipyard owner 13 JUN 03 of two counts of making false statements to the U.S. Coast Guard and one count of failing to immediately report an oil spill. Murray C. Verret, owner and operator of Verret Shipyard, Plaquemine, La., was charged with failing to immediately report an oil spill at the shipyard to the National Response Center. For more information, go to:

<https://www.denix.osd.mil/denix/DOD/News/Pubs/DER/17Jun03/28.doc.html>. [Table of Contents](#)

Asbestos Dumpers Busted

RICHMOND, Va.--Two individuals convicted of illegally dumping asbestos were sentenced to prison and fined 17 JUN 03 for violating provisions of the Clean Air Act. David Stephen Klein, of Heathrow, Fla., and Josef Gene Weiss Jr., of Harrisonburg, Va., were charged with the illegal removal and disposal of asbestos from both the

Masonic Building and the Towne Centre in Staunton, Va. Both pleaded guilty to knowingly violating the Clean Air Act. The complete article is available at:

<https://www.denix.osd.mil/denix/DOD/News/Pubs/DER/19Jun03/21.doc.html>. [Table of Contents](#)

EPA Region I Fines Developers \$92,000 For Failure To Control Stormwater Runoff

BOSTON--EPA Region I has reached a pair of administrative agreements under which two developers will pay fines totaling \$92,000 to settle complaints that they failed to properly control storm runoff pollution at two construction sites in Massachusetts. Under one settlement, the V&G Development Corp. of Dracut, Mass., agreed to pay a penalty of \$50,000 for alleged noncompliance at a 164-acre residential subdivision in Methuen, Mass. For more information:

<https://www.denix.osd.mil/denix/DOD/News/Pubs/DER/16Jun03/28.doc.html>. [Table of Contents](#)

FEDERAL NEWS

CAA

Nonroad Diesel Engine Update^{vii}

The Control of Emissions of Air Pollution from Nonroad Diesel Engines and Fuel proposed rule was published in the 23 MAY 03 *Federal Register* (68 FR 28327

<http://www.epa.gov/fedrgstr/EPA-AIR/2003/May/Day-23/a9737a.htm>). Mr. Vern Novstrup (NFESC) will collect comments through 21 JUL 03. Of particular interest is how marine fuels may be affected by this rule and the lubricity issue, which may be resolved by the use of biodiesel.

CERCLA

Superfund Implementation Amended^{viii}

The President has issued an executive order making some minor changes to Executive Order 12580, Superfund Implementation. The changes consist of delegating the Presidential authority conveyed by certain sections of CERCLA to the heads of executive agencies. More information is available at:

<http://a257.g.akamaitech.net/7/257/2422/14mar20010800/e.docket.access.gpo.gov/2003/pdf/03-16102.pdf>.

EPA To Review Cleanup Program Policies On Groundwater Remediation

As part of the EPA's coordination of cleanup efforts, agency and state officials plan to review policies on

groundwater remediation, long-term maintenance of contaminated sites, and initial assessment of newly identified sites. The agency is forming three task forces that will study current practices and policies in various cleanup programs, such as superfund, Resource Conservation and Recovery Act, and brownfields. They will share information on how different programs address different environmental problems, according to Ellen Manges, an official with EPA's Office of Solid Waste and Emergency Response who is coordinating the One Cleanup Program. The complete article is available at:

<https://www.denix.osd.mil/denix/DOD/News/Pubs/DER/18Jun03/24.doc.html>. [Table of Contents](#)

NATURAL RESOURCES

Guidance Issued For The Coastal And Estuarine Land Conservation Program^{ix}

NOAA has released Final Guidelines for the Coastal and Estuarine Land Conservation Program (CELCP), a land conservation program authorized in 2002 under the Department of Commerce, Justice, and State Appropriations Act. The program provides matching federal funds for acquisition of properties or interests in properties for conservation in perpetuity. In order to participate, a state must develop, and NOAA must approve, a Coastal and Estuarine Land Conservation Plan - that provides an assessment of priority land conservation needs and clear guidance for nominating and selecting land conservation projects within the state. The guidelines are available at:

<http://www.ocrm.nos.noaa.gov/landconservation.html>. The full text document is located at:

<http://a257.g.akamaitech.net/7/257/2422/14mar20010800/e.docket.access.gpo.gov/2003/pdf/03-15292.pdf>.

Marine Resource Assessments Available

Commander, Atlantic Fleet funded the development of Marine Resource Assessments (MRAs) for several major OPAREAs. These reports have been developed over the last two years, and final MRAs are now complete for the VACAPES, Cherry Point, JAX/CHASN, and Puerto Rico OPAREAs and for the Eastern Gulf of Mexico (including the Key West area). MRAs are comprehensive reviews of available literature and data on the marine resources in our OPAREAs. Data was compiled from state, federal, and academic organizations and include shipboard and aerial surveys, public sighting, fishery bycatch, and stranding

records as well as records from the published literature. The MRAs cover most protected, managed, and commercial marine resources in the OPAREAs but focus on protected marine mammals and sea turtles. For these species, life history and behavioral information are accompanied by a description and map of the predicted occurrence patterns by season (as applicable). Additionally, the distribution of other protected habitats/areas such as coral reefs and marine sanctuaries is mapped and described. Along with species and habitat information, a description of the physical environment and how it may influence the distribution of protected species is included. In addition to MRAs, technical reports are available that estimate marine mammal and sea turtle densities in the VACAPES, Cherry Point, JAX/CHASN OPAREAs and the Eastern Gulf of Mexico. The MRAs are available on the web. For web access, please contact Ms. Ann Young at the COMLANTFLT Environmental Department at (757) 836-7147 or Ann.Young@navy.mil.

Draft Handbook Released For Candidate Conservation Agreements^x

The Fish and Wildlife Service has released the "Draft Handbook for Candidate Conservation Agreements with Assurances and Enhancement of Survival Permit Processing." Comments are due 22 AUG 03. The draft document is available at:

<http://endangered.fws.gov/candidates/ccaahandbook.html>.

The complete text is available at:

<http://a257.g.akamaitech.net/7/257/2422/14mar20010800/e.docket.access.gpo.gov/2003/pdf/03-15697.pdf>.

RCRA

EPA Creates Panel To Assess RCRA Groundwater Cleanup Standards

EPA is assembling an agency-wide task force to revisit its groundwater policies, including stringent groundwater cleanup requirements that industry has long criticized as unattainable and a major obstacle to redeveloping contaminated sites, according to agency and industry officials. The task force is being formed, in part, in response to industry pressure, and is being organized under the auspices of the agency's One Cleanup initiative. The initiative comes after industry won a key battle earlier this year when EPA retreated from including the standards in the agency's guidance on determining completion at Resource Conservation & Recovery Act (RCRA) sites. More information is available at:

<https://www.denix.osd.mil/denix/DOD/News/Pubs/DEA/17Jun03/20.doc.html>. [Table of Contents](#)

Residential Lead-Based Paint Waste Now Allowed at Construction Landfills

Residential lead-based paint waste may now be disposed of in construction and demolition landfills under a final Environmental Protection Agency rule set for publication in the Federal Register 18 JUN 03. The rule allows lead-based paint waste to be disposed of in construction and demolition landfills that do not accept any other forms of household waste. The rule is designed to provide an additional disposal option for lead-based paint waste and to accelerate the pace of lead-based paint removal from residences, EPA said. The final rule does not prevent a municipal solid waste landfill unit from continuing to receive residential lead-based paint waste, according to the agency. For more information, go to:

<https://www.denix.osd.mil/denix/DOD/News/Pubs/DER/18Jun03/23.doc.html>. To view the final rule, go to:

<http://a257.g.akamaitech.net/7/257/2422/14mar20010800/e.docket.access.gpo.gov/2003/pdf/03-15363.pdf>

TSCA

EPA Revises Standard For Cleanup Of Materials Contaminated By Spills

A final rule revising a cleanup standard for polychlorinated biphenyls to comply with a federal appeals court decision was issued 20 JUN 03 in the Federal Register. The notice will revise the Code of Federal Regulations (40 C.F.R. 761.30(p)) to reinstate a cleanup standard for porous materials contaminated by spills of liquid PCBs. Under the reinstated standard, any person may use porous surfaces

contaminated by spills of liquid PCBs at concentrations less than 10 micrograms per 100 cubic meters (10 g/100 cm³). Porous surfaces contaminated with greater amounts of PCBs would have to be cleaned up, under the reinstated standard. More information is available at:

<https://www.denix.osd.mil/denix/DOD/News/Pubs/DER/20Jun03/17.doc.html>. To view the final rule, go to: <http://a257.g.akamaitech.net/7/257/2422/14mar20010800/e.docket.access.gpo.gov/2003/pdf/03-15668.pdf>.

WATER

Ditch Ruled To Be Tributary

Development interests strongly criticized an appeals court ruling that a roadside ditch and adjacent wetlands qualify for Clean Water Act protections, saying the decision will add to the confusion surrounding wetlands regulation. The U.S. Court of Appeals for the Fourth Circuit ruled 12 JUN 03 that the U.S. Army Corps of Engineers has jurisdiction over the ditch because it is a tributary of a navigable waterway. Therefore, wetlands on the property are considered adjacent to U.S. waters and require a Clean Water Act Section 404 permit for development activity, the appeals court said. For more information, go to: <https://www.denix.osd.mil/denix/DOD/News/Pubs/DER/17Jun03/20.doc.html>. [Table of Contents](#)

Changes Made To Final Rule On Cooling Water Intakes

EPA has made minor changes to a December 2001 rule regulating cooling water intake systems at new facilities. The agency had tried to make changes that would better reflect its intent in a direct final rule promulgated 26 DEC 02. However this rule was withdrawn after an environmental group objected to it. EPA said it would drop the definition of "minimum ambient source water surface elevation" because the regulatory language is sufficient. The rule also clarifies that the agency may require additional design and construction technologies or operational measures to minimize impingement or mortality of fish or shellfish based on information from any fishery management agency. The previous language implied that the decision for additional requirements might also be made by the fisheries management service. The 19 JUN 03 rule takes effect 21 JUL 03. To view the complete article, go to: <https://www.denix.osd.mil/denix/DOD/News/Pubs/DER/19Jun03/15.doc.html>.

The final rule is available at:

<http://a257.g.akamaitech.net/7/257/2422/14mar20010800/e.docket.access.gpo.gov/2003/pdf/03-15518.pdf>.

Water Shortages Number One Issue For 21st Century

Energy and water are "inextricably linked" elements critical to sustainable development and governed by the same laws of supply and demand, a consultant working with the

Department of Energy stated. "There's a shortage in the world, not of energy, but of accessible energy at a cheap price," said Allan Hoffman, a senior adviser with Winrock International who is working with the Energy Department's Clean Energy Group. "The same forces apply to water." Speaking at the Air & Waste Management Association's annual conference, Hoffman predicted water security, which he defined as "the ability to have enough water to do the things you have to do at a minimal level," would be the number one environmental issue of the 21st century. The complete article is available at:

<https://www.denix.osd.mil/denix/DOD/News/Pubs/DER/25Jun03/18.doc.html>. [Table of Contents](#)

Supreme Court Declines To Hear Case On Impaired River

The U.S. Supreme Court will not review a case on whether a river impaired only by nonpoint sources of pollution may be listed as impaired under the Clean Water Act. By denying the petition for review, the high court let stand a MAY 02 decision of the U.S. Court of Appeals for the Ninth Circuit that said the Environmental Protection Agency was allowed under Section 303(d) of the Clean Water Act to list the Garcia River as impaired even though the only source of contamination was sediment and runoff from silviculture and agriculture activities. For more information, go to:

<https://www.denix.osd.mil/denix/DOD/News/Pubs/DER/18Jun03/28.doc.html>. [Table of Contents](#)

EPA Issues Surface Water Treatment Rule Guidance^{xi}

EPA has released the Long Term 1 Enhanced Surface Water Treatment Rule (LT1ESWTR) Disinfection Profiling and Benchmarking Technical Guidance Manual - [EPA 816-R-03-004, May 2003]. The Long Term 1 Enhanced Surface Water Treatment Rule applies to public water systems that serve fewer than 10,000 people and are classified as either surface water or ground water under the direct influence of surface water. Full text document is available at:

<http://www.epa.gov/safewater/mdbp/pdf/profile/Lt1profiling.pdf>. [Table of Contents](#)

NPDES Permits Available Online

EPA is making electronic copies of NPDES permits and fact sheets for major facilities available online. Permit documents are now available through Envirofacts for about 450 facilities that have had their NPDES permits issued or reissued since 01 NOV 02. EPA will continue to post copies of permits and fact sheets for major industrial and municipal facilities as existing permits are reissued and new permits are issued. For more information about this project and detailed instructions on how to access the documents, see www.epa.gov/npdes/permitdocuments.

NPDES General Permit Issued For Construction Activities^{xii}

All EPA Regions excluding Region 4 have issued EPA's final NPDES general permit for discharges from large and small construction activities (apparently stormwater acts differently in Region 4). This permit replaces the previous Construction General Permits (CGP) which were issued for a five-year term by various EPA Regions in FEB 98 and JUL 98. The organization and numbering of today's CGP has been revised slightly from the 1998 CGP to more clearly present permittee responsibilities. These permits replace the existing permits covering large construction

sites that have expired. The complete article is available at: http://a257.g.akamaitech.net/7/257/2422/14mar20010800/e_docket.access.gpo.gov/2003/pdf/03-16575.pdf.

DoD Drinking Water System Vulnerability Assessment (WSVA) Policy

Section 401 of the Public Health Security and Bio-terrorism Preparedness and Response Act of 2002 amended the Safe Drinking Water Act requiring Community Water Systems serving populations greater than 3,300 persons to conduct WWSVA and develop or revise emergency response plans (ERP) accordingly. DoD Instructions 2000.16 and 2000.18 also mandated anti-terrorism/force protection vulnerability assessments for critical nodes and infrastructure including drinking water systems. On 03 JUL 03, Assistant DUSD(ESOH) John Paul Woodley Jr. signed the "DoD Policy on Drinking Water Vulnerability Assessments and Emergency Response Plans as Required by the Safe Drinking Water Act and in Support of the DoD Vulnerability Assessment Process". This document can be found at:

http://www.denix.osd.mil/denix/Public/Library/Compliance/water_vulnerability_assessment_policy7303.pdf
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STATE NEWS

DISTRICT OF COLUMBIA

Engine Idling Largest Source Of Air Pollution

Exhaust from internal combustion engines is the single largest source of air pollution in Washington, DC and the surrounding areas. Vehicle exhaust fouls the air with carbon monoxide, erodes buildings and monuments, and is a key ingredient in [ground-level ozone](#) or "smog." In short, car, truck and bus exhaust presents a hazard to health and property.

To protect the people that live and work in Washington and visitors that come to the Nation's Capital each year, the

Council of the District of Columbia has passed a [regulation prohibiting engine idling](#).

The regulation states that vehicles must not idle for more than three minutes while parked, unless the outside temperature is 32 degrees Fahrenheit or below or there are 12 or more people on a bus that is operating air conditioning equipment. For more information go to: http://dchealth.dc.gov/information/fact_sheets/engineidling.shtm. [Table of Contents](#)

DELAWARE

Good Chance For Task Force

A Senate Resolution that was introduced to establish an independent, bi-partisan Task Force has passed both the House and the Senate. The Task Force will study the future of Dover Air Force Base and the Delaware National Guard facilities on the New Castle County airport including the impact on Kent County and New Castle Counties, State of Delaware, the impact of the BRAC Commission and the

long term viability of its mission at Dover Air Force Base and Delaware National Guard facilities on the New Castle County Airport. Governor Ruth Ann Minner is expected to sign the resolution. To read the entire bill, go to:

<http://www.legis.state.de.us/LIS/LIS142.NSF/9bb83f07d05c8fb7852568b0006af386/85d9a485fc3cdc9985256d4a00580a03?OpenDocument>. [Table of Contents](#)

MARYLAND

Storm Water Fees Amended

The Department of the Environment published a final regulation 24 JUN 03 amending fees for general discharge permits. The regulation applies to storm water discharges associated with construction sites that disturb 1 to 5 acres. The regulation brings Maryland into compliance with the new federal Phase II storm water regulations. The regulation can be found in the State Register at:

https://constmail.gov.state.md.us/comar/dsd_web/MDRegister_Web/3012/main_register.htm page 792.

Motor Vehicle Emissions Budgets For 2005^{xiii}

EPA is proposing to approve revisions to the Maryland State Implementation Plan (SIP). Specifically, EPA is

proposing approval of revised mobile emission inventories and 2005 motor vehicle emissions budgets which have been developed using MOBILE6, an updated model for calculating mobile emissions of ozone precursors. The intended effect of this action is to approve SIP revisions that will better enable the State of Maryland to continue to plan for attainment of the 1-hour national ambient air quality standard (NAAQS) for ozone in the Baltimore area and the Cecil County portion of the Philadelphia area. Written comments are being accepted until 08 AUG 03. More information is available at:

<http://www.epa.gov/fedreg/EPA-AIR/2003/July/Day-09/a17340.htm> [Table of Contents](#)

PENNSYLVANIA

Residual Waste Management And Safe Fill Policy

The Department of Environmental Quality is proposing a safe fill policy and related rule revisions to address the safe movement and use of soil as fill or construction material. The fill policy included in the proposal applies to uncontaminated soil and dredge material. The Department will receive comments until 08 AUG 03. During the comment period, the Department is seeking comments on how to address areas where the natural background levels

for arsenic exceed the proposed safe fill generic number. The REC is soliciting comments and concerns. Send them to [Gary Koerber](#) by 01 AUG 03. More information can be found at:

<http://www.pabulletin.com/secure/data/vol32/325/172.html>.

More details about the draft final regulations can be found at:

<http://www.pabulletin.com/secure/data/vol33/33-25/1178.html>. [Table of Contents](#)

VIRGINIA

2002 Solid Waste Report Released

DEQ has released its annual report on solid waste management in Virginia. The report includes the amounts of solid waste managed in Virginia in 2002, and the amounts and sources of solid waste generated outside the Commonwealth. The total amount of solid waste – which includes municipal solid waste, construction and demolition debris, sludge and other types of waste – received at Virginia facilities during 2002 decreased by about 824,000 tons from 2001. The amount from outside Virginia increased by about 604,000 tons (12.5 percent), and the amount from within Virginia decreased by more than 1.4 million tons (7.5 percent). For more information go to:

http://www.deq.state.va.us/cgi-bin/deq/prweb/BrowseRecord.cgi?URL_NAME=NEWS&ID=92. The complete report can be obtained at: <http://www.deq.state.va.us/waste/waste.html>.

Scrapping Obsolete Ships

The U.S. Maritime Administration will award a \$2.2 million contract to a Texas company for the scrapping of three high-priority obsolete ships containing hazardous materials from the James River Reserve Fleet in Newport News, VA. "Eliminating the risk to the environment by removing obsolete ships is what the Department of Transportation and the Maritime Administration intend to achieve," said Maritime Administrator William G. Schubert. The three ships are part of the "ghost fleet," a collection of 71 obsolete government ships, some of which are a half-century old and have been awaiting disposal for years. The complete article is available at:

<https://www.denix.osd.mil/denix/DOD/News/Pubs/DER/09Jul03/13.doc.html>. [Table of Contents](#)

CHESAPEAKE BAY PROGRAM

Environmental Indicators Reflect Bay Improvement

Reports from the Chesapeake Bay program's watershed model, which tracks nutrient and sediment loads to the Chesapeake Bay, show that between 1985 and 2001, annual nitrogen loads delivered to the bay from the entire watershed were reduced by 62 million pounds. Annual phosphorus loads were reduced by 8 million pounds and land-based sediment loads by 0.9 million tons. The updated indicators can be viewed at the Chesapeake Bay Program website:

<http://www.chesapeakebay.net/status.cfm?sid=186>

Oxygen Levels Improve In The Chesapeake Bay

Until recently, little long-term change on the Chesapeake Bay's oxygen levels had been observed despite significant reductions in nutrients at their source in some upper Bay tributaries. The 2002 monitoring results, however, reveal that for the first time since 1985, oxygen levels have risen and that anoxia (no oxygen), which can lead to the release of poisonous sulfides, was not observed in main stem Bay waters. Higher levels of oxygen will significantly influence water quality and the bay life that rely on this habitat. This article is available at:

http://www.epa.gov/region03/ebytes/ebytes06_27_03.html

ECO-TIP OF THE MONTH

By Melissa Green

The tip this month- **reduce plastic usage**. Disposable plastic bottles, containers, packaging, etc. are all designed to last in some form or another. Plastics photo-degrade not bio-degrade- meaning they just break into smaller and smaller pieces but never go away completely. Some people may say out of sight, out of mind but unfortunately these small chains of plastic polymers are accumulating in the oceans where fish and other sea creature are eating the plastic rather than plankton. The animals fill themselves with plastic instead of food and eventually starve to death. These plastics also have a nasty habit of absorbing toxins - thus concentrating PCBs, DDT, and DDE in sea life, and the food chain, before we eat them.

There is also the Texas size trash pile floating between Hawaii and Oregon that makes plastics rather

unappealing. So what can we do? Go back to powdered laundry and dishwashing detergent in the cardboard boxes. Use a refillable water bottle, such as a Nalgene bottle, and a water filtering system rather than buying cases of bottled water. These three small steps can reduce our personal plastic consumption by approximately 5 pounds a month.

Included are some links if you want to learn more about our newest "continent" or you can search on 'Pacific Garbage Patch'.

<http://www.mindfully.org/Plastic/Synthetic-Sea-Moore.htm>

<http://www.cnn.com/2003/TECH/science/05/26/coolsc.oceansecrets/>

<http://marine->

litter.gpa.unep.org/documents/World's_largest_landfill.pdf

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CONTINUING EDUCATION

CONFERENCES

CNO P2, Clean Air And Clean Water Conferences Canceled

CNO (N45) will not be holding its annual P2, Clean Air and Clean Water conferences in FY03 due to funding limitations. If you want to attend a P2 Conference for this year, consider attending the 8th Annual Joint Services Pollution Prevention Conference & Exhibition which will be held 11-14 AUG 03 in San Antonio, TX. Conference details, hotel information, and registration can be found at the conference web site:

<http://www.p2-hwmconference.com/> [Table of Contents](#)

Resource Conservation And Recovery Act National Meeting, 12-15 AUG 03, Washington, DC

The meeting is being cosponsored by EPA, the Air & Waste Management Association, the Solid Waste Association of North America, the International City/County Management Association and the Association of State and Territorial Solid Waste Management Officials as well as state governments and tribes. This year's meeting focuses on the Resource Conservation Challenge; a major national effort to conserve natural resources through waste reduction and energy recovery programs. A registration fee applies (\$295 for federal employees). Registration and meeting details are available at:

<http://www.epa.gov/osw/meeting/>. The agenda and listing of all presentations is available at:

<http://www.epa.gov/epaoswer/osw/meeting/pdf02/agenda.pdf>. [Table of Contents](#)

ASTSWMO 2003 Federal Facilities Managers Symposium 20-22 AUG, Portland, OR

Hosted by the Association of State and Territorial Solid Waste Management Officials (ASTSWMO) the symposium is titled, "Learning from the Past, Building for the Future." The symposium is designed to promote better understanding and foster communication on critical federal facilities issues that are important to the states. For further information, contact Dania Rodriguez, (202) 624-5973, daniar@sso.org, or visit the ASTSWMO website at: <http://www.astswmo.org/>. [Table of Contents](#)

National Homeland Security Law Conference, 8-9 SEP 03, Washington, DC

The conference is being sponsored by ABS Consulting Government Institutes. It will be held at the Hotel Washington in Washington DC, #237 and it will feature prominent legal authorities from business, industry, and government. The theme for the conference is: "Understanding the New Legal and Regulatory Landscape for Corporate America". The registration fee is \$999. To register or for more information, call: (301) 921-2345 or go to:

http://www.govinst.com/Merchant2/merchant.mv?Screen=PROD&Store_Code=ACS&Product_Code=29000&Category_Code=.

Region 3 EPA/State/DoD Environmental Colloquium 9-11 SEP 03, Williamsburg, VA

"Interdisciplinary Environmental Management-Integrating Resources for Environmental Excellence" Join us in historic Williamsburg Virginia in September for the 2003 EPA / State / DoD Environmental Colloquium. We will be bringing together Federal & State regulators, Civilian and Defense agencies, concerned environmentalists, legislators and others to learn about integrated environmental management solutions that meet the environmental and security challenges we face today. The Colloquium is scheduled for 09-11 SEP 03. It will be held at the Williamsburg Marriott Hotel, Williamsburg, Virginia. For further information, contact the DoN Regional Environmental Coordinator's Office, (757) 445-8899, DSN 565, email e-mail: dodrecregion3@cmr.navy.mil. For links to additional Colloquium material, go to

<http://www.epa.gov/reg3esd1/fedfac/index.htm> or <http://www.epa.gov/reg3esd1/fedfac/seminars.htm>. [Table of Contents](#)

Emergency Preparedness And Prevention Conference 16-19 NOV 03, Norfolk, VA

The U.S. EPA Region III Emergency Preparedness and Prevention Conference will be held 16-19 NOV 2003 in Norfolk, VA. For more information, go to:

www.2003conference.org or call the Conference hotline at 1-800-364-7974. [Table of Contents](#)

TRAINING

Super Energy Savings Performance Contracting Workshop, 22-23 JUL 03, Washington D.C.

The US Department of Energy's Federal Energy Management Program is presenting the free workshop for federal employees involved in energy management, engineering, and procurement. Attendees will learn how to lower capital costs while reducing long-term energy and water bills. For further information or to register, call (703) 243-8343. [Table of Contents](#)

2003 RCRA National Meeting, 12-15 AUG, Washington D.C.

EPA will co-host the meeting, along with the Air & Waste Management Association, the Solid Waste Association of North America, and others. The meeting focuses on the Resource Conservation Challenge - a major national effort to conserve natural resources through waste reduction and energy recovery programs. A registration fee applies (\$295 for federal employees). For information on registration and meeting details, visit the meeting website at:

www.epa.gov/osw/meeting/.

Introductory Health Risk Communication Workshop, 14-16 OCT 03, Washington D.C.

Hosted by USACHPPM, the workshop will provide the participant with a basic understanding of concepts, principles, and process of effective risk communication, including building strategic stakeholder relationships that provide the framework for discussion of complex risk issues. For further information, contact Kita Perry, (410) 436-3515, e-mail: suaquita.perry@apg.amedd.army.mil, or visit the website at:

<http://chppm-www.apgea.army.mil/risk/> [Table of Contents](#)

DSMOA Training Multiple Dates/Multiple Locations

DoD is hosting a series of 12 DOD/State Memorandum of Agreement (DSMOA) training workshops to be held at various locations across the country. The training will focus on teaching a standardized approach to the six-step cooperative agreement process and promoting a productive dialogue between members of the DSMOA program. Both state and DOD DSMOA personnel are encouraged to attend. Please visit the website at:

<http://www.denix.osd.mil/denix/State/state.html> to

determine the date and location of the session in which your state is participating. It is important that DSMOA personnel attend the training workshop identified for their state. The website should also be used to register and obtain agenda and hotel information. [Table of Contents](#)

EPA Organizational Guide To Pollution Prevention^{xiv}

A new EPA publication, "An Organizational Guide to Pollution Prevention," (EPA/625/R-01/003) is featured in a 3-day workshop. Class information and free registration at: <http://www.epa.gov/ttnrmrl/p2workshop.htm>

The document and an accompanying CD are also available for free at

<http://oaspub.epa.gov/pls/ceripubs/ceripubs.PUB?pubid=155> and

<http://oaspub.epa.gov/pls/ceripubs/ceripubs.PUB?pubid=156>

For more information, go to:

<http://www.epa.gov/ttnrmrl/p2workshop.htm>

<http://www.epa.gov/ttnrmrl/p2workshop.htm>

Hazardous Substance Incident Response Management (HSIRM) Refresher

The NAVOSHENVTRACEN is offering three classes at Norfolk Naval Base to provide personnel with annual refresher training necessary to respond safely and effectively to releases of, or substantial threats of releases of, hazardous substances. For more information, go to:

<http://www.norva.navy.mil/navosh/coinfo.htm>

Qualified Recycling Program Course Multiple Dates/Multiple Locations

The course provides hands-on training on how to identify and market recyclable materials. The course is for any

person or organization that generates recyclable materials, is associated with an installation recycling program or DOD precious-metals recovery program, or works for a Defense Reutilization and Marketing Office (DRMO). For further information, visit the Environmental Management Department's course information website at:

<http://www.almc.army.mil/EMD/Page5.html> [Table of Contents](#)

EPA Regions 1, 2, 3, & 5 Training Courses Multiple Dates/Multiple Locations

USEPA Regions 1, 2, 3, & 5 continually offer training on a variety of subjects. For further information regarding the types of courses, dates, and locations, visit EPA's training exchange website at: www.trainex.org. [Table of Contents](#)

Clean Diesel Engine Implementation Workshop^{xv}

EPA will conduct a Clean Diesel Engine Implementation Workshop in Chicago, IL on 6-7 AUG 2003. The 2007 highway diesel fuel and engine program establishes new standards beginning in 2007 for heavy-duty diesel vehicles and a maximum sulfur content of 15 ppm for highway diesel fuel used in those vehicles beginning in 2006.

The workshop will assist regulated entities and other stakeholders, including engine manufacturers, truck manufacturers, truck owners and truck operators, with program implementation and compliance. The workshop will include a summary of the 2007 highway diesel engine and fuel program, and a series of industry panel sessions on developing solutions to program implementation challenges. An agenda will be available in this month at: <http://www.epa.gov/otaq/diesel.htm>. Workshop registration is at: <http://www.truckline.com/epadieselconference/>.

MEET THE REC

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with your name, command, address, phone number, and email.

For old issues go to Denix or www.cnrma.navy.mil/rec.

ⁱ <http://www.epa.gov/air/urbanair/ozone/what.html>, June 29, 2003

ⁱⁱ <http://www.epa.gov/air/urbanair/ozone/hlth.html>, June 29, 2003

ⁱⁱⁱ <http://www.epa.gov/oms/04-ozone.htm>, June 29, 2003

^{iv} <http://www.epa.gov/reg3airtd/airquality/actdays.htm>, June 29, 2003

^v <http://www.epa.gov/air/urbanair/ozone/effrt.html>, June 29, 2003

^{vi} <http://www.epa.gov/reg3airtd/airquality/actdays.htm>, July 1, 2003

^{vii} Minutes Of The Navy Clean Air Act (CAA) Steering Committee Meeting, 28 May 2003

^{viii} Weekly Federal Register Summary, Week of 6/22/03, Prepared By Naval Facilities Engineering Service Center, Code 42

^{ix} Weekly Federal Register Summary, Week of 6/15/2003, Prepared By Naval Engineering Facilities Service Center, Code 42

^x Weekly Federal Register Summary, Week of 6/22/03, Prepared By Naval Facilities Engineering Service Center, Code 42

^{xi} Weekly Federal Register Summary, Week of 6/22/03, Prepared By Naval Facilities Engineering Service Center, Code 42

^{xii} Weekly Federal Register Summary, Week of 6/29/2003, Prepared By Naval Facilities Engineering Service Center, Code 42

^{xiii} Federal Register, July 9 2003, Volume 68, Number 131

^{xiv} Weekly Federal Register Summary, Week of 6/15/2003, Prepared By Naval Engineering Facilities Service Center, Code 42

^{xv} Weekly Federal Register Summary, Week of 6/29/2003, Prepared By Naval Facilities Engineering Service Center, Code 42